

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1 (Currently Amended). A wireless LAN base station which holds wireless
2 communication with at least one client terminal station, the wireless LAN
3 base station comprising:
4 at least two wireless LAN modules, each of which is capable of
5 holding the wireless communication with at least one client terminal
6 station;
7 means for detecting the number of client terminal stations which
8 are ~~being~~ holding the wireless communication with the wireless LAN base
9 station;
10 means for determining if a detected number of client terminal
11 stations is equal to or smaller than a predetermined number; and
12 means for changing the number of active wireless LAN modules
13 according to whether the detected number of the client terminal stations is
14 equal to or smaller than the predetermined number.
- 1 2 (Currently Amended). ~~A~~ The wireless LAN base station according to
2 ~~claim 1,~~ which holds wireless communication with at least one client
3 terminal station, the wireless LAN base station comprising:
4 a first wireless LAN module capable of holding the wireless
5 communication with at least one client terminal station;
6 a second wireless LAN module capable of holding the wireless
7 communication with at least one client terminal station;
8 determination means for determining whether the number of the
9 client terminal stations which are holding the wireless communication with
10 the wireless LAN base station is equal to or smaller than a predetermined
11 number;
12 first control means for controlling all of the client terminal stations
13 which are holding the wireless communication with the wireless LAN base

14 station to hold the wireless communication with said first wireless LAN
15 module, controls said first wireless LAN module to be activated and
16 controls said second wireless LAN module to be deactivated, if a
17 determination result of the determination means is YES; and
18 second control means for controlling a part of the client terminal
19 stations which are holding the wireless communication with the wireless
20 LAN base station to hold the wireless communication with said first
21 wireless LAN module, controls the rest of the client terminal stations
22 which are holding the wireless communication with the wireless LAN base
23 station to hold the wireless communication with said second wireless LAN
24 module and controls said first wireless LAN module and said second
25 wireless LAN module to be activated, if said determination result is NO.

1 3 (Original). The wireless LAN base station according to claim 2, wherein
2 said first wireless LAN module comprises a plurality of wireless
3 communication sections based on different wireless communication
4 systems from one another,
5 said second wireless LAN module comprises a plurality of wireless
6 communication sections based on different wireless communication
7 systems from one another, and
8 said determination means, said first control means, and said second
9 control means operate according to each of the wireless communication
10 systems.

1 4 (Original). The wireless LAN base station according to claim 3, wherein
2 the different wireless communication systems are used for
3 respective packet sizes.

1 5 (Original). The wireless LAN base station according to claim 3, wherein
2 the different wireless communication systems are allocated for
3 respective packet types.

1 6 (Currently Amended). A communication control method at a wireless
2 LAN base station which holds wireless communication with at least one
3 client terminal station, and which comprises at least two wireless LAN
4 modules, each of which is capable of holding the wireless communication
5 with at least one client terminal station, the control method comprising
6 steps of:
7 detecting the number of client terminal stations which are ~~being~~
8 holding the wireless communication with the wireless LAN base station;
9 determining if a detected number of client terminal stations is equal
10 to or smaller than a predetermined number; and
11 changing the number of active wireless LAN modules according to
12 whether the detected number of the client terminal stations is equal to or
13 smaller than the predetermined number.

1 7 (Currently Amended). ~~A~~ ~~The~~ communication control method ~~according~~
2 ~~to claim 6~~ at a wireless LAN base station which holds wireless
3 communication with at least one client terminal station, wherein the
4 wireless LAN base station comprises: a first wireless LAN module capable
5 of holding the wireless communication with at least one client terminal
6 station; and a second wireless LAN module capable of holding the wireless
7 communication with at least one client terminal station, and wherein the
8 communication control method comprises the steps of:
9 a determination step of determining whether the number of the
10 client terminal stations which are holding the wireless communication with
11 the wireless LAN base station is equal to or smaller than a predetermined
12 number;
13 a first control step of controlling all of the client terminal stations
14 which are holding the wireless communication with the wireless LAN base
15 station to hold the wireless communication with said first wireless LAN
16 module, controlling said first wireless LAN module to be activated and
17 controlling said second wireless LAN module to be deactivated, if a
18 determination result of said determination step is YES; and

19 a second control step of controlling a part of the client terminal
20 stations which are holding the wireless communication with the wireless
21 LAN base station to hold the wireless communication with said first
22 wireless LAN module, controlling the rest of the client terminal stations
23 which are holding the wireless communication with the wireless LAN base
24 station to hold the wireless communication with said second wireless LAN
25 module and controlling said first wireless LAN module and said second
26 wireless LAN module to be activated, if said determination result of said
27 determination step is NO.

1 8 (Original). The communication control method according to claim 7,
2 wherein
3 said first wireless LAN module comprises a plurality of wireless
4 communication sections based on different wireless communication
5 systems from one another,
6 said second wireless LAN module comprises a plurality of wireless
7 communication sections based on different wireless communication
8 systems from one another, and
9 said determination step, said first control step, and said second
10 control step are executed according to each of the wireless communication
11 systems.

1 9 (Original). The communication control method according to claim 8,
2 wherein
3 the different wireless communication systems are allocated for
4 respective packet sizes.

1 10 (Original). The communication control method according to claim 8,
2 wherein
3 the different wireless communication systems are allocated for
4 respective packet types.